Comparisons of Job Characteristics

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	12.0	13.0	0	Current knowledge level may be sufficient
Building and Construction	4.0	10.7	4.7	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	9.1	8.3	0	Current knowledge level may be sufficient
Production and Processing	6.0	8.4	8.6	0	Current knowledge level may be sufficient
Transportation	4.6	7.4	7.2	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	13.2	9.8	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	11.4	9.6	<	A higher skill level may be required
Troubleshooting	4.5	8.3	7.7	0	Current skill level may be sufficient
Repairing	3.4	8.2	8.3	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.0	7.9	0	Current skill level may be sufficient
Equipment Selection	3.3	6.7	5.5	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	15.6	12.2	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	15.6	10.6	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	14.4	10.5	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	13.4	10.3	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	13.0	7.7	<<	Extensive improvement in abilities may be required
Far Vision	7.8	12.9	8.1	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	12.6	7.3	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	11.4	5.9	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	9.8	5.4	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	9.6	6.4	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	7.6	3.2	<<	Extensive improvement in abilities may be required
Night Vision	2.1	6.5	5.5	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Work Activities	Exclusivity of Activity
Inspect material moving equipment	80
Load, unload, or stack containers, materials, or products	37
Maintain or repair construction machinery or equipment	77
Operate earth-moving or other heavy construction equipment	80
Operate material moving, loading, or unloading equipment	75
Perform safety inspections in construction or resource extraction setting	46
Use hand or power tools	2
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.